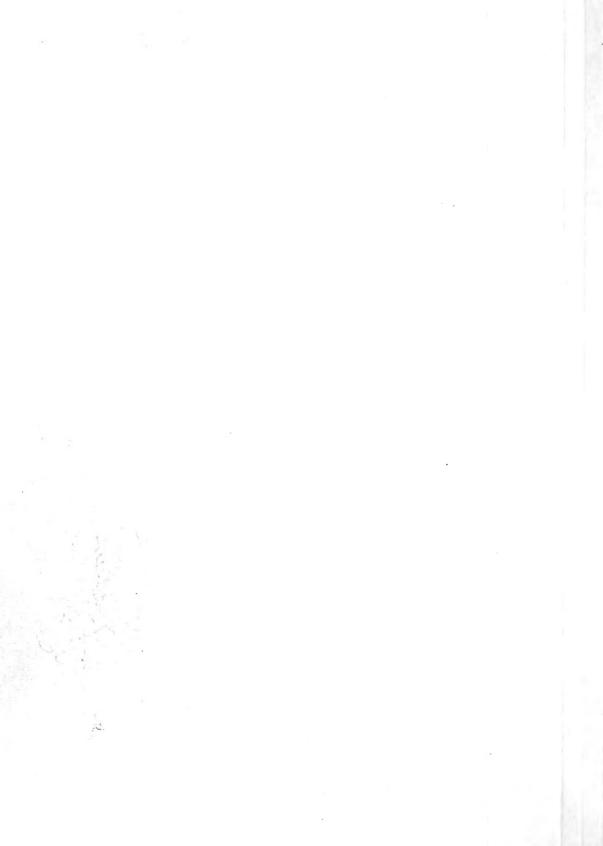
Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.



THE PLANT DISEASE REPORTER

Issued by

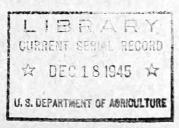
THE PLANT DISEASE SURVEY, DIVISION OF MYCOLOGY AND DISEASE SURVEY BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING AGRICULTURAL RESEARCH ADMINISTRATION UNITED STATES DEPARTMENT OF AGRICULTURE

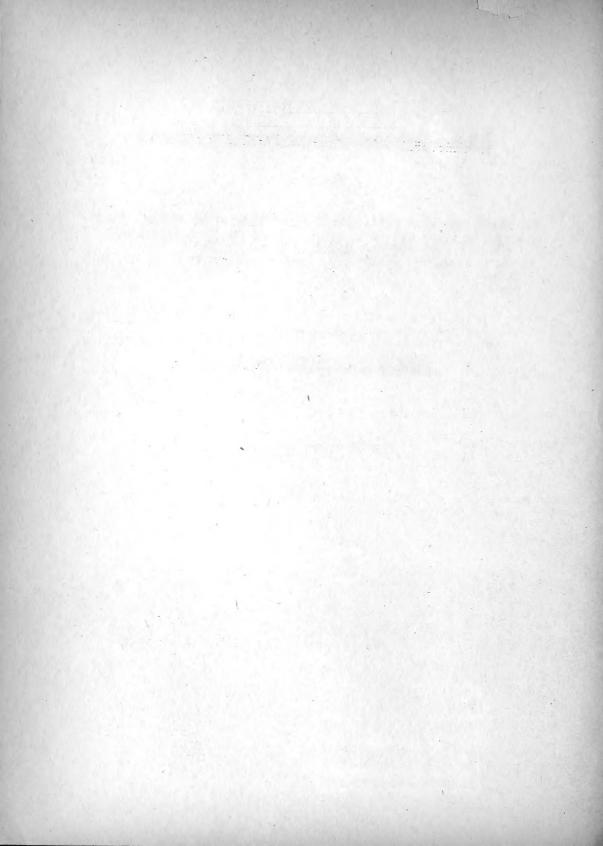
SUPPLEMENT 144

INDEX TO SUPPLEMENTS 140-143, 1943

(Issued December 1, 1945)

The Plant Disease Reporter is issued as a service to plant pathologists throughout the United States. It contains reports, summaries, observations, and comments submitted voluntarily by qualified observers. These reports often are in the form of suggestions, queries, and opinions, frequently purely tentative, offered for consideration or discussion rather than as matters of established fact. In accepting and publishing this material the Division of Mycology and Disease Survey serves merely as an informational clearing house. It does not assume responsibility for the subject matter.





INDEX TO PLANT DISEASE REPORTER SUPPLEMENTS 140-143, 1943

Plant Disease Reporter Supplement 144 Index to Supplements 1943

LIST OF SUPPLEMENTS

- Supplement 140. 1942 disease information for the Middle Atlantic States. pp. 1-51. March 1, 1943. Compiled by Middle Atlantic States Section; American Phytopathological Society War Emergency Committee, R. S. KIRBY, Chairman
 - Supplement 141. Cotton seedling diseases and boll rots: distribution and dissemination. pp. 53-78. April 1, 1943

 Includes five reports by PAUL R. MILLER and RICHARD WEINDLING
 - Supplement 142. Annotated check list and host index of the rusts of Guatemala. pp. 79-131. May 1, 1943. By GEORGE B. CUMMINS
 Rusts and hosts in a single alphabetical list, and only the rust genera are indexed below.
 - Supplement 143. The decisive influence of late winter weather on wheat leaf rust epiphytotics. pp. 133-144. December 1, 1943. By K. STARR CHESTER
 - Supplement 144. INDEX to Supplements 140 to 143. pp. 145-150. (Issued December 1, 1945)

INDEX

Actinomyces scabies, 34 Aecidium, in Guatemala, 81-82 Alfalfa: damping-off and seed treatment, 11 Alternaria spp., on cotton bolls and seedlings, 55, 56, 57, 72, --- circinans, 42 --- dianthi, 27 --- solani, on potato 32; tomato 45 --- zinniae, 31 Angiopsora, in Guatemala, 82-83 Annotated check list and host index of the rusts of Guatemala, Suppl. 142, pp. 79-131 Antirrhinum: Oidium sp. 30; Puccinia antirrhini, and control, Aphelenchoides fragariae, on Chrysanthemum, 28 Apple: carbamates for control of fruit spot, 14; diseases in Middle Atlantic States, and control, 11-19; Fermate for control of rust and scab, 16 Asparagus: Puccinia asparagi 40 Aspergillus spp., on cotton bolls

Bacterium stewartii, 2, 43 --- tomato, 47 Baeodromus, in Guatemala, 83 Bark necrosis, of apple, 12 ---, internal, of apple, 13 Barley: Gibberella zeae, 10; Ustilago spo., 2 Bean: diseases in Middle Atlantic States, and control, 40-42; seed certification, need for, 41 ---, lima: mosaic 42; Sclerotinia sclerotiorum 41 Bitzea, in Guatemala, 84 Blackberry: Elsinoë veneta, 25 Botrytis rot, of sweet cherry 22 Bubakia, in Guatemala, 84

and seedlings, 55,56, 58

Cabbage: Alternaria circinans, 42; Erwinia carotovora, 42; seed treatment, 42 sarium and Verticillium wilts, 28 Cercospora chrysanthemi, 28 Cereal crops: diseases in Middle Atlantic States, and control, 2-10 Cerctelium, in Guatemala, 85

Callistephus (China aster): Fu-

Cerctelium, in Guatemala, 85 Chaetomium spp., on cotton, 58 Cherry, sour: Coccomyces hiemalis

---, sweet: Botrytis rot, 22; Fermate for control of Botrytis and Monilinia 22; Monilinia fructicola, 22

Chrysanthemum: control of nematode, leaf spot, and wilt, 28; diseases, 28; Fermate for control of leaf spot, 28 Chrysomyxa, in Guatemala, 85 Cionothrix, in Guatemala, 85 Coccomyces hiemalis, 19 Coleosocrium, in Guatemala, 85-87 Colletotrichum sp., on tobacco, 36

--- lagenarium, 42 --- lindemuthianum, 40

--- phomoides, 45 Corn: diseases in Middle Atlantic States, 2-7; cutbreak of Helminthosporium, 3

---, sweet: Bacterium stewartii, 43; Helminthosporium, 44 Corynebacterium michiganense, 47 --- poinsettiae, 29

--- sepedonicum, 31

Cotton: anthracnose, geographic distribution 54, 59, 76; latent infections 59, eversummering 59, 63, 76, weather relations 59, 63, 76; boll rots 56; ginning and seed contamination 65, 72; seed germination and fungus spore load 72; seedling diseases 55, 72 Cotton seedling diseases and boll

Cotton seedling diseases and boll rots, distribution and dissemination, Suppl. 141, pp. 53-78
Cronartium, in Guatemala, 87-88
Crossopsora, in Guatemala, 88
Cucurbits: Colletotrichum lagenarium 42; mosaic 43

Cumminsiella, in Guatemala, 88 Cylindrosporium chrysanthemi, 28

Damping-off, control with organic compounds 39; of forage crops 11; ornamentals 29; truck crops 39

Dasyspora, in Guatemala, 89
Decisive influence of late winter
weather on wheat leaf rust epiphytotics, Suppl. 143, pp. 133144

Delphinium: Sclerotium delphinii 28

Desmella, in Guatemala, 89
Dianthus caryophyllus: Alternaria
dianthi 27; mosaic (undet.
virus) 27

Dicheirinia, in Guatemala, 89 Diplocarpon rosae, 29

Diplodia sp(p)., on corn 2, 3; cotton bolls and seedlings 57, 72, 75

--- gossypina, 55, 56

Diseases in Middle Atlantic States in 1942, 1-51

Dissemination: in ginning, of cotton fungi, 65, 72; by ornamentals, of tomato viruses, 49; by weeds, of Septoria lycopersici 50

Elsinoë veneta, 24 Fndophylloides, in Guatemala, 89 Endophyllum, in Guatemala, 89-90 Epidemiology, of cotton anthracnose 59-65; wheat leaf rust 133-144

Erwinia amylovora, 14 --- carotovora, 42

--- phytophthora, 31

Fern-leaf (non-par.), of raspberry 26

Forage crops: diseases in Middle
Atlantic States, and control, 11
Fruit crops: diseases in Middle
Atlantic States, and control,
11-27

Fungicides, bismuth sub-salicylate for tobacco downy mildew 37

(Fungicides), carbamates, iron and lead, for apple fruit spot 14

---, DuBay 1205 FF, for damping-off, 11

--- Elgetol, for raspberry an thracnose, 25

---, Fermate, for apple rust and scab 16; brown rot 22; cherry diseases 22; damping-off 39; snapdragon rust 30; tobacco downy mildew 37; tomato leaf spot

---, Fungisul, for snapdragon rust 30

---, iron carbamate, 14, see also Fermate

---, lead carbamate, 14

---, sodium dioctyl sulfosuccinate, see Vatsol O.T.C.

---, Spergon, for damping-off, 11, 40; pea seed decay, 43; sweetpotato slip treatment 45; turf diseases 30

---, tetramethyl thiuram-disulfide, for dambing-off, 39; see also Thiosan

---, Thiosan, for calla lily root rot 27; damping-off of truck crops, 39; pea seed decay, 43; turf diseases, 30

---, Vatsol O.T.C., for tobacco downy mildew 37

Fusarium sp(b)., on corn, 3; cotton bolls and seedlings 55, 56, 57, 72, 75

--- batatatis, 44

--- conglutinans var. callistephi,

--- eumartii, 36

--- moniliforme, on cotton, 55, 56, 57

Fusicoccum canker, on peach, 23

Gardenia: Heterodera marioni 29 Gibberella zeae, 10 Gloeodes pomigena, 19 Gloeosporium sp., on tobacco, 36 Glomerella cingulata, 11 -- gossypii, 54-78; see also under Cotton, anthracnose

Gymnosporangium, in Guatemala, (Ornamentals) as source for tomato - 91-92 --- clavipes, 15 --- globosum, 16 --- juniperi-virginianae, 15 Haplopyxis, in Guatemala, 92 Helminthosporium, on corn, 2; sweet corn, 44 --- papulosum, 12 --- turcicum, 3 Heterodera marioni, on Gardenia 29; rose 29 Houseburn, of tobacco 37 Kuehneola, in Guatemala, 93 Leaf roll (virus), of potato 34 Leptothyrium pomi, 18 Little peach (virus), of peach 23 Mainsia, in Guatemala, 94-95 Maravalia, in Guatemala, 95 Melampsora, in Guatemala, 95 Melampsoridium, in Guatemala, 95 Middle Atlantic States, 1942 disease information, 1-51 Mint: mosaic (cucumber virus), source for lima bean infection, Monilinia fructicola: 21 Mosaic (virus), of bean 40; carnation 27; cucurbits 43; limabean 42; mint 42; petunia 49; potato 34; soybean 43; tobacco Mycosphaerella pomi, 14 1942 disease information for the Middle Atlantic States, Suppl. 140, pp. 1-51 Nursery stock; source of raspberry viruses, 25 Oats: diseases in Middle Atlantic States, 7-8

Oidium sp., on Antirrhinum 30;

Ornamentals; damping-off control

29; diseases in Middle Atlan-

tic States, and control 27-31;

Saintpaulia 27

Pea: seed decay, and control 43 Peach: diseases in Middle Atlantic States, and control, 21-24; Fermate for brown rot 22; virus diseases 23 Penicillium spp., on cotton bolls and seedlings, 55, 56 Pepper: spotted wilt 49 Peridermium, in Guatemala, 96-97 Peronospora tabacina, 36 Petunia: mosaic 49 Phakopsora, in Guatemala, 97 Phlox: Septoria spo., 29 Phragmidium, in Guatemala, 97-98 Phragmopyxis, in Guatemala, 98 Phyllosticta solitaria, 13 Phytophthora fragariae, 26 --- infestans, on potato 32; tomato 47 --- parasitica, 48 Pileolaria, in Guatemala, 98 Poa: Ustilago striaeformis, Il Poinsettia: Corynebacterium poinsettiae, 29 Potato: diseases in Middle Atlantic States, and control, 31-36; virus disease (undescribed), 35 Prospodium, in Guatemala, 98-99 Prunus virginiana: X-disease, 24 Pseudomonas medicaginis var. phaseolicola, 41 --- tabaci, 39 Puccinia, in Guatemala, 99-117 --- antirrhini, 30 --- asparagi; 40 --- coronata, 7 --- graminis var. avenae, 8 --- var. tritici, 16 --- rubigo-vera var. tritici 8, 133-144 Pucciniastrum, in Guatemala, 117-Pucciniosira, in Guatemala, 118 Purple-top wilt (virus), of potato, 33 Pythium spp., on cotton 55, 58; vegetable crops 39

viruses 49

Raspberry: diseases in Middle Atlantic States, and control, 24-

Ravenelia, in Guatemala, 118-119 Resistance, of cabbage to Alternaria, 42

Rhizoctonia solani, on cotton 55, 57; potato 34; turf grasses 30 Rhizopus spp., on cotton bolls 56,

Rosa: diseases in Middle Atlantic States, and control, 29-30 Rusts, of Guatemala, 79-131

Saintpaulia: Oidium sp., 27 Sclerotinia homoeocarpa, 30 --- sclerotiorum, on bean 41; lima bean 41

Sclerotium bataticola, on cotton seedlings, 55, 58

--- delphinii, on Delphinium, 28 --- rolfsii, on cotton seedlings, 55, 58

Seed treatment, of cabbage, 42; forage crops 11. See also Fungicides

Septoria chrysanthemi, 28

--- divaricata, 29

--- lycopersici, 50

--- phlogis, 29

Skierka holwayi, in Guatemala, 121 Solanum carolinense: Septoria lycopersici 50

Soybean: mosaic (? cucumber virus

Sphaerophragmium, in Guatemala,

Sphaerotheca pannosa var. rosae,

Sphenospora, in Guatemala, 121 Spotted wilt (virus), on calla lily 27; pepper 49; tomato 48; weather relations 49

Stemphylium, on tomato 50

Strawberry: Phytophthora fragariae 26

Sudan grass: damping-off and seed treatment 11

Sweetpotato: Fusarium batatatis and control 44; Spergon for Fusarium control 45

Tip blight (virus), on tomato in Md. 49, W.Va. 50

Tobacco: diseases in Middle Atlantic States, and control 36-39; fungicides for downy mildew control 37

Tomato: diseases in Middle Atlantic States, and control, 45-51; Fermate for control of Alternaria, 47; Septoria lycopersici, horse nettle a source of inoculum, 50; tip blight (virus) in Md. 49, W.Va. 50; virus diseases, ornamentals a source of infection, 49

Tranzschelia, in Guatemala, 122 Trifolium pratense: damping-off, and seed treatment, 11

Truck crops: damping-off control 39; diseases in Middle Atlantic States, and control, 39-51

Turf grasses: diseases and control 30:

Uredinopsis, in Guatemala, 122 Uredo, in Guatemala, 122-124 Uromyces, in Guatemala, 124-127 Uropyxis, in Guatemala, 127-128 Ustilago avenae, 8

--- kolleri, 3

--- nigra, 2 --- nuda, 2

--- striaeformis, ll

--- tritici, 9

Valsa canker, of peach, 23 Vegetable seedlings: damping-off control 39

Venturia inaequalis, 16

Verticillium, on Callistephus, 28; Chrysanthemum, 28; raspberry, 26 Virus diseases, of peach 23; potato

33, 34; raspberry 25; tomato 48. See also under individual disease names

Weather: and bean diseases 40, 41; cotton anthracnose 59, 60-64, 76; sweet corn wilt 44; wheat leaf rust 133-144 Wheat: diseases in Middle Atlantic (Wheat) States 8-10; leaf rust
epiphytotics, influence of late
winterweather, 133-144
Winter injury, to raspberry 26
--- killing, of peach 23

Xanthomonas malvacearum, 57

X-disease (virus), of choke cherry 24; peach 24

Yellow dwarf (virus), of potato 34 Yellows (virus), of peach 23, 24

Zantedeschia: diseases 27; Thiosan for root rot control 27 Zinnia: Alternaria zinniae 31